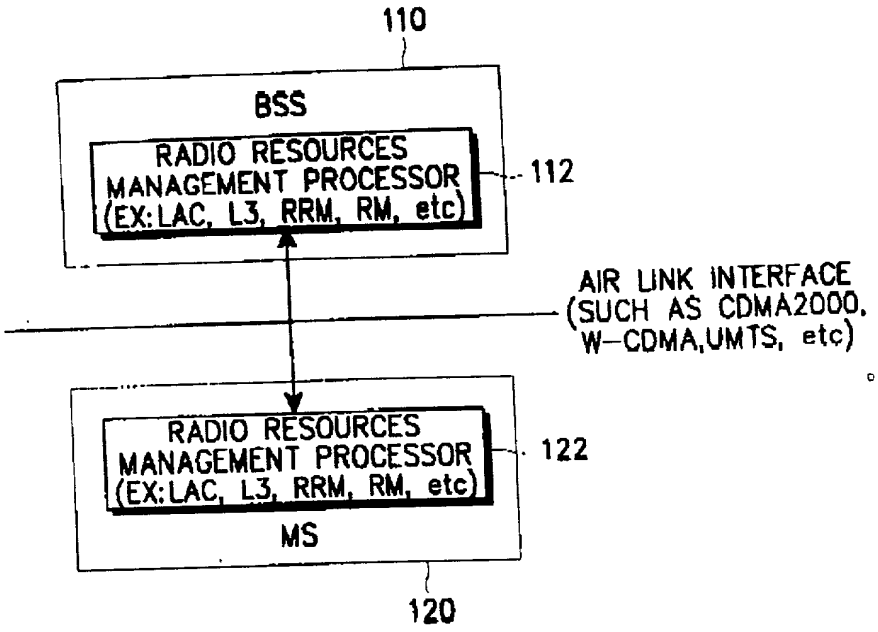

110
BSS
RADIO RESOURCES MANAGEMENT PROCESSOR (EX: LAC, L3, RRM, RM, etc)
112
AIR LINK INTERFACE (SUCH AS CDMA2000, W-CDMA, UMTS, etc)
RADIO RESOURCES MANAGEMENT PROCESSOR (EX: LAC, L3, RRM, RM, etc)
122
MS
120

FIG. 1

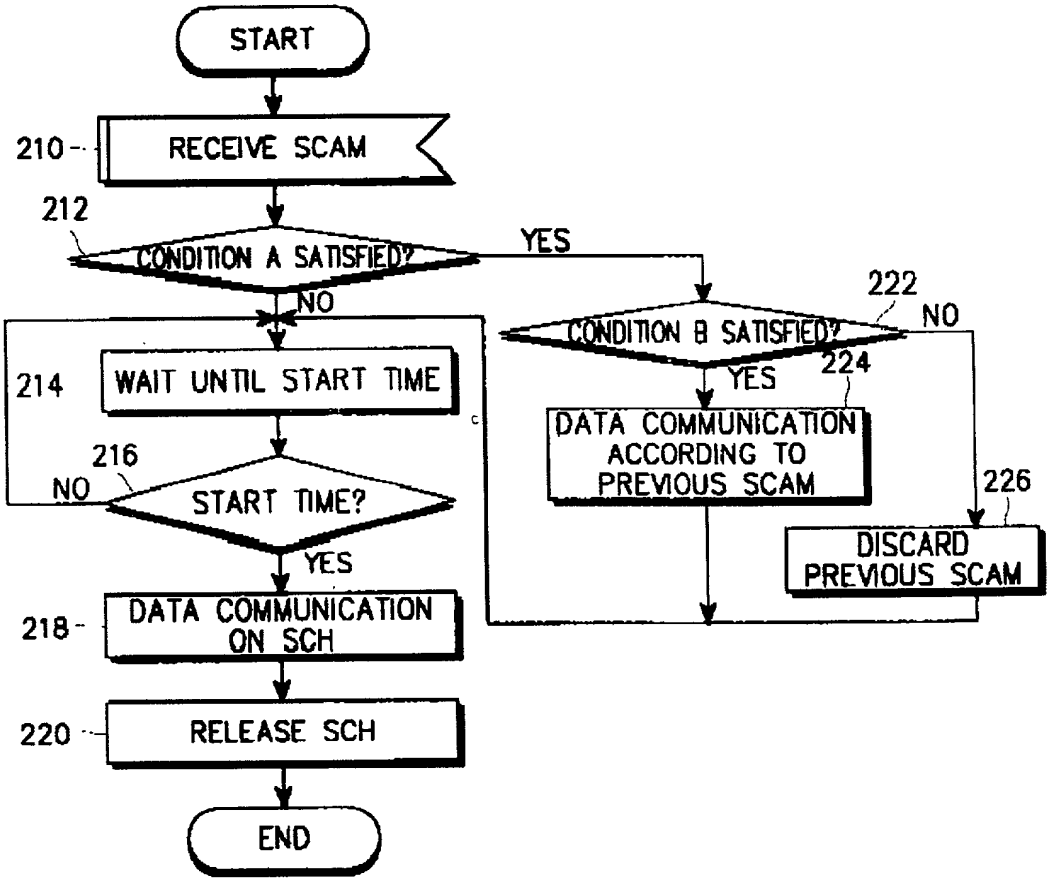

START
210
RECEIVE SCAM
212
CONDITION A SATISFIED?
YES
NO
214
WAIT UNTIL START TIME
216
NO
START TIME?
YES
218
DATA COMMUNICATION ON SCH
220
RELEASE SCH
END
222
CONDITION B SATISFIED?
NO
YES
224
DATA COMMUNICATION ACCORDING TO PREVIOUS SCAM
226
DISCARD PREVIOUS SCAM

FIG. 2

FIG. 3

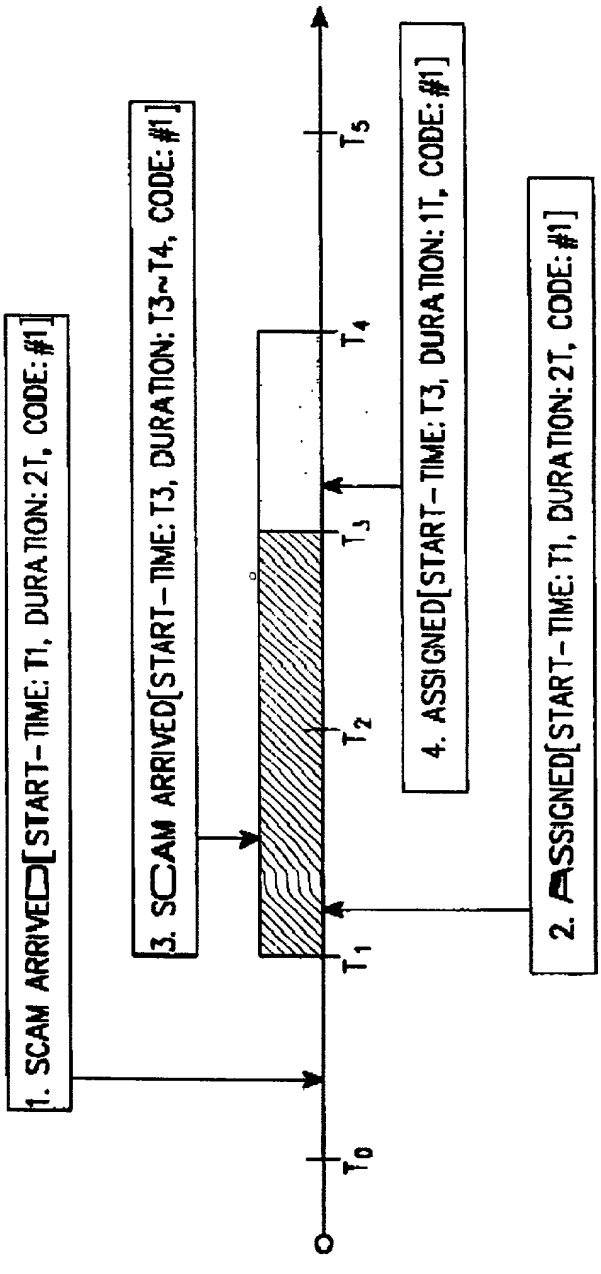
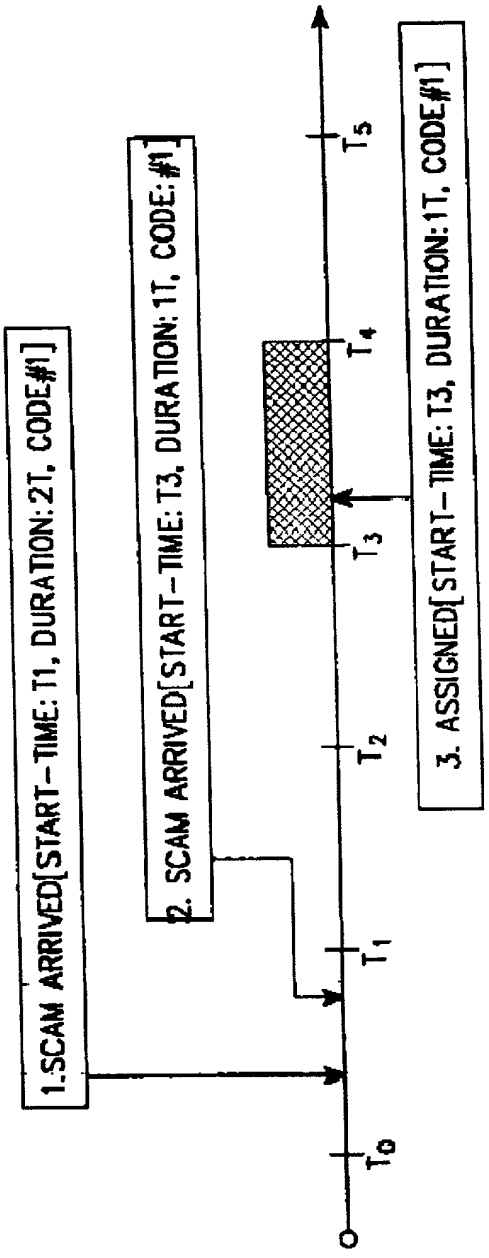

1. SCAM ARRIVED[START-TIME: T1, DURATION: 2T, CODE: #1]
3. SCAM ARRIVED[START-TIME: T3, DURATION: T3~T4, CODE: #1]
4. ASSIGNED[START-TIME: T3, DURATION: 1T, CODE: #1]
2. ASSIGNED[START-TIME: T1, DURATION: 2T, CODE: #1]
T0
T1
T2
T3
T4
T5

FIG. 4


1.SCAM ARRIVED[START-TIME: T1, DURATION: 2T, CODE#1]
2. SCAM ARRIVED[START-TIME: T3, DURATION: 1T, CODE: #1]
3. ASSIGNED[START-TIME: T3, DURATION: 1T, CODE#1]
T0
T1
T2
T3
T4
T5

EP 0 954 196 A2

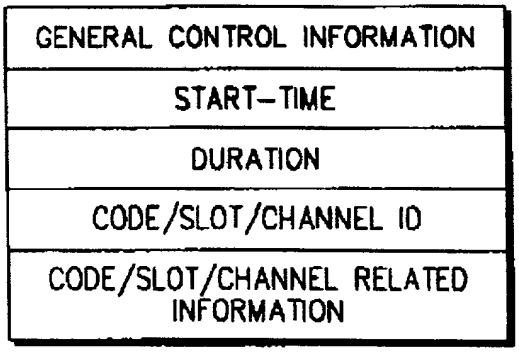



FIG. 5

DOCKET NO. SD-P01-036

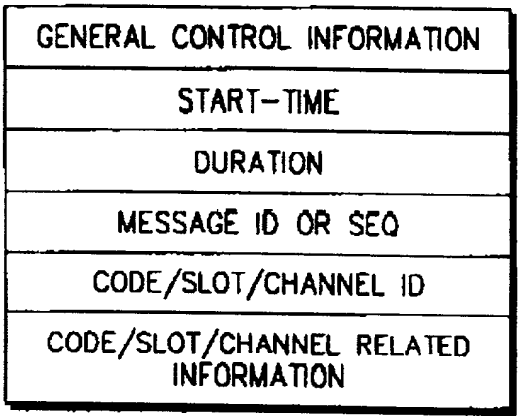



FIG. 6

POSTED: 5008:5260

FIG. 7

| RECORD#1 | START-TIME | DURATION | SEQ(OR MSG ID) | CODE/SLOT/CHANNEL ID | GENERAL INFORMATION |
|---|---|---|---|---|---|
| RECORD#2 | START-TIME | DURATION | SEQ(OR MSG ID) | CODE/SLOT/CHANNEL ID | GENERAL INFORMATION |
| ..... | ..... | ..... | ..... | ..... | ..... |
| RECORD#n | START-TIME | DURATION | SEQ(OR MSG ID) | CODE/SLOT/CHANNEL ID | GENERAL INFORMATION |

FIG. 8

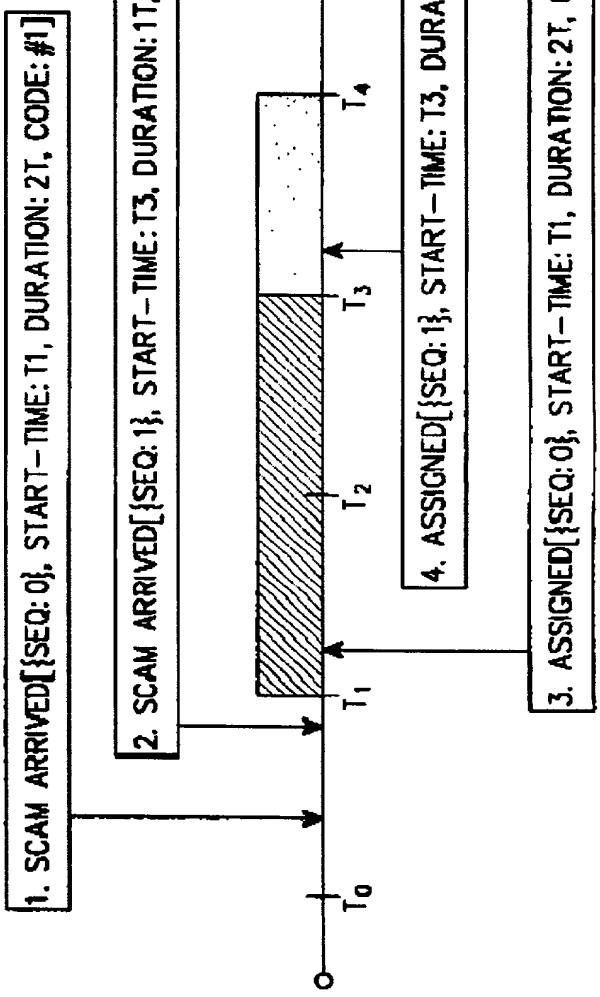

1. SCAM ARRIVED[{SEQ: 0}, START-TIME: T1, DURATION: 2T, CODE: #1]
2. SCAM ARRIVED[{SEQ: 1}, START-TIME: T3, DURATION: 1T, CODE: #1]
4. ASSIGNED[{SEQ: 1}, START-TIME: T3, DURATION: 1T, CODE: #1]
3. ASSIGNED[{SEQ: 0}, START-TIME: T1, DURATION: 2T, CODE: #1]
T0
T1
T2
T3
T4
T5

FIG. 9

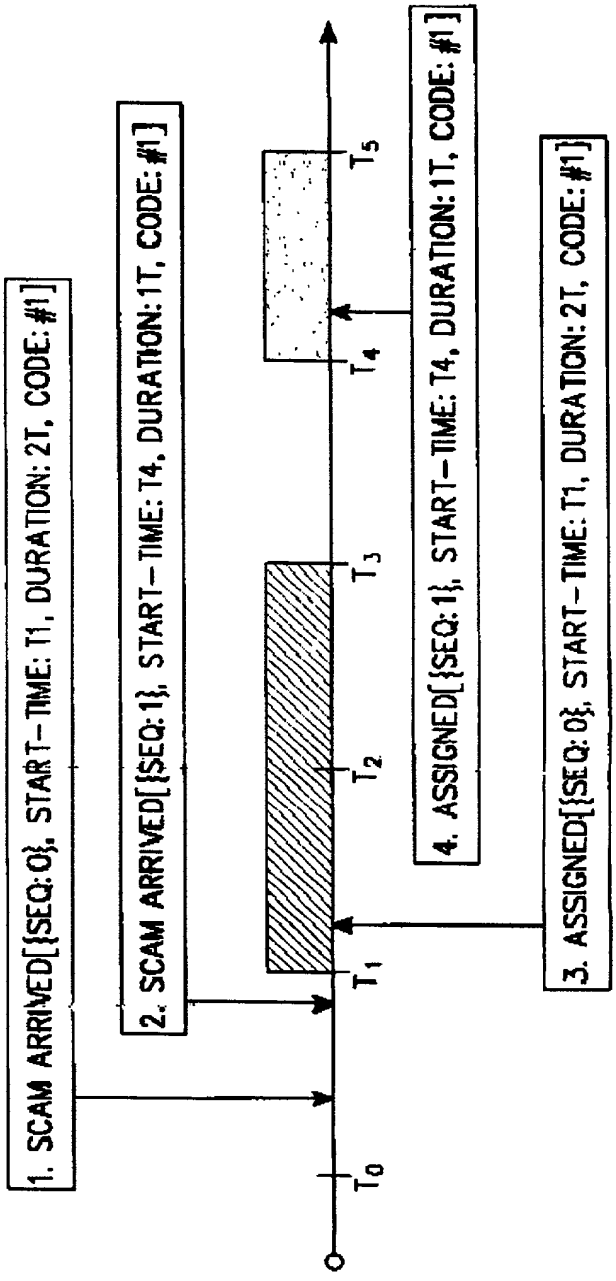
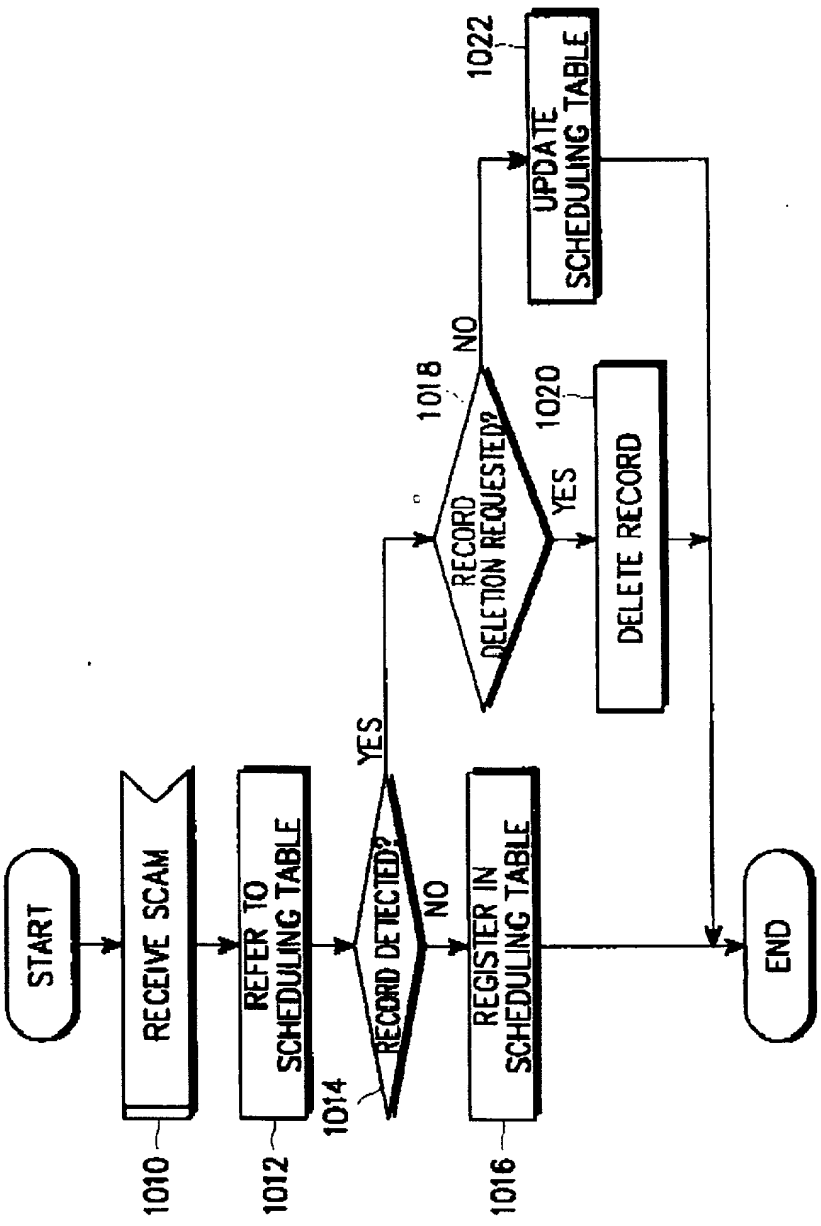

1. SCAM ARRIVED[{SEQ:0}, START-TIME: T1, DURATION: 2T, CODE: #1]
2. SCAM ARRIVED[{SEQ:1}, START-TIME: T4, DURATION: 1T, CODE: #1]
3. ASSIGNED[{SEQ:0}, START-TIME: T1, DURATION: 2T, CODE: #1]
4. ASSIGNED[{SEQ:1}, START-TIME: T4, DURATION: 1T, CODE: #1]
T0
T1
T2
T3
T4
T5

FIG. 10


START
RECEIVE SCAM
1010
REFER TO SCHEDULING TABLE
1012
RECORD DETECTED?
1014
YES
NO
REGISTER IN SCHEDULING TABLE
1016
RECORD DELETION REQUESTED?
1018
NO
YES
DELETE RECORD
1020
UPDATE SCHEDULING TABLE
1022
END

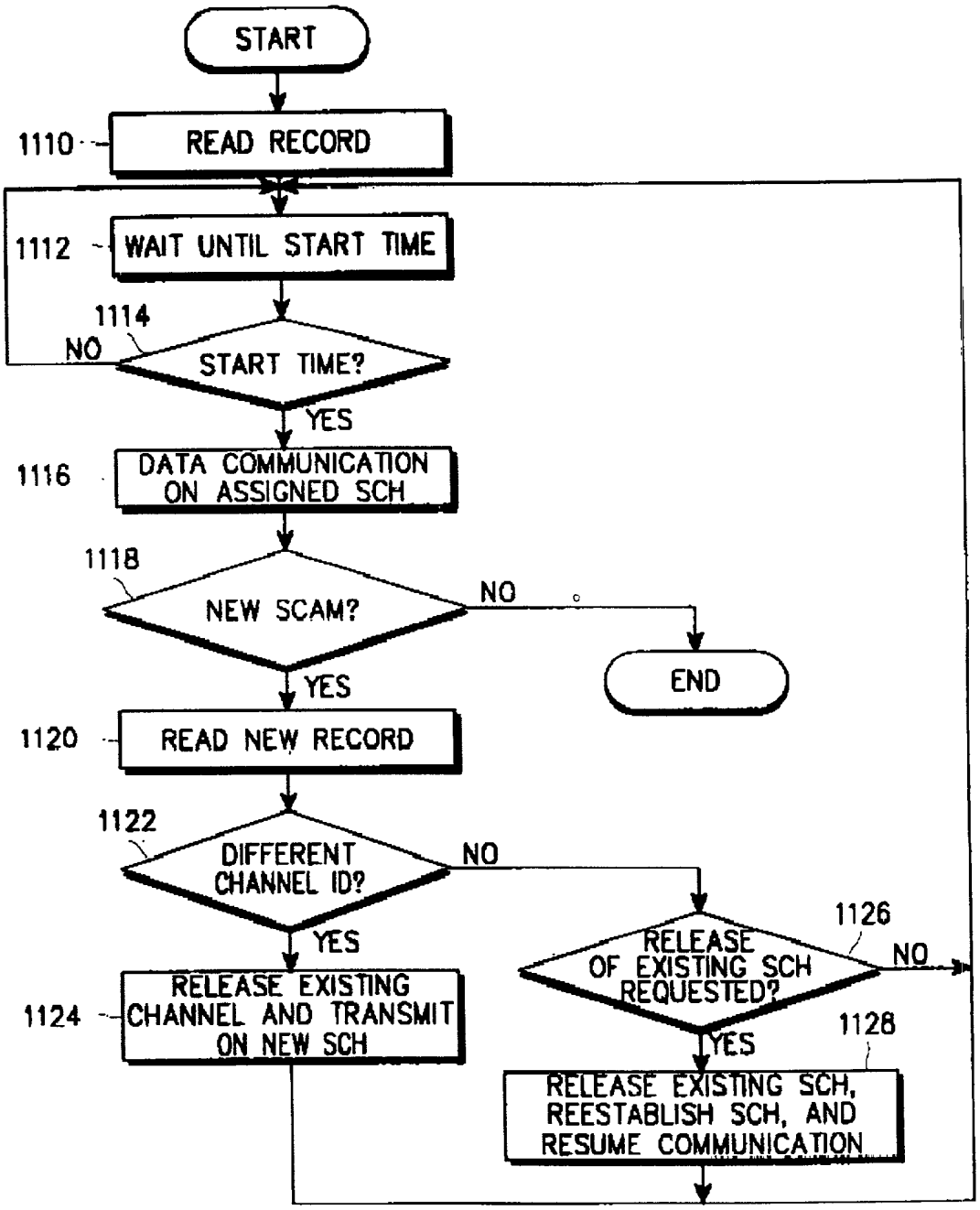

START
1110
READ RECORD
1112
WAIT UNTIL START TIME
1114
NO
START TIME?
YES
1116
DATA COMMUNICATION ON ASSIGNED SCH
1118
NEW SCAM?
NO
END
YES
1120
READ NEW RECORD
1122
DIFFERENT CHANNEL ID?
NO
YES
1124
RELEASE EXISTING CHANNEL AND TRANSMIT ON NEW SCH
1126
RELEASE OF EXISTING SCH REQUESTED?
NO
YES
1128
RELEASE EXISTING SCH, REESTABLISH SCH, AND RESUME COMMUNICATION

FIG. 11

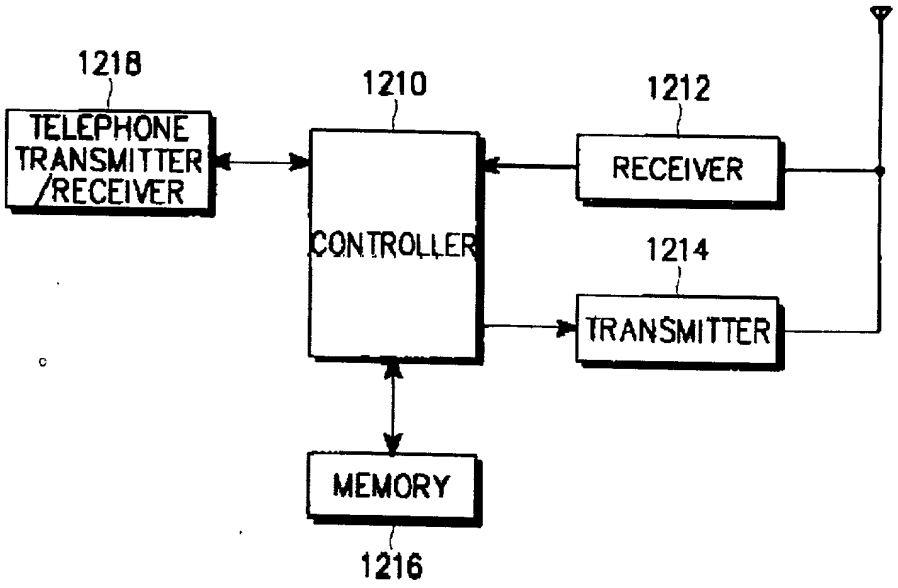

1218
TELEPHONE TRANSMITTER /RECEIVER
1210
CONTROLLER
1212
RECEIVER
1214
TRANSMITTER
MEMORY
1216

FIG. 12